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Patent
Case No.: 58783US002

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

First Named Inventor: GERLACH, CHRISTOPHER P.
Application No.: 10/620027 Group Art Unit: 1621
Filed: July 15, 2003 Examiner: Unknown
Title: BIS(2-ACENYL)ACETYLENE SEMICONDUCTORS

INFORMATION DISCLOSURE STATEMENT

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

CERTIFICATE OF MAILING	
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JUN 18 2004	Hylis H. Froelke

Dear Sir:

Pursuant to 37 CFR §§ 1.56, 1.97, and 1.98, enclosed is a completed Form PTO-1449, citing references submitted for consideration by the Examiner. Copies of any cited foreign patents, non-patent literature, and unpublished US application documents are enclosed. Pursuant to the waiver in the Pre-OG Notice, dated July 11, 2003, copies of US patents and published US patent applications are no longer required and are not enclosed. It is respectfully requested that the Examiner initial and return the enclosed Form PTO-1449 to indicate that each reference has been considered.

If a first Office Action on the merits has been mailed prior to the mailing date of this document, please charge the fee for consideration of an Information Disclosure Statement set forth in 37 CFR § 1.17(p), and if necessary, please charge any additional fees, or credit any overpayment to Deposit Account No. 13-3723.

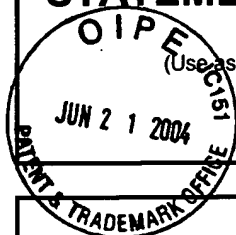
Respectfully submitted,

Date June 18, 2004

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3M Innovative Properties Company
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INFORMATION DISCLOSURE STATEMENT BY APPLICANT



(Use as many sheets as necessary)

Page 1 of 2

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First Named Inventor

Gerlach, Christopher P.

Art Unit

1621

Examiner Name

Unknown

Attorney Case Number

58783US002

U.S. Patent Documents

Exam. Init.*	Cite No.	Document Number	Publication Date or Issue Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Doc. Number-(Kind Code if Known)			
	A1	US- 2003/0094959 A1	05/22/2003	Hoisington et al.	
	A2	US- 2003/0102471 A1	06/05/2003	Kelley et al.	
	A3	US- 2003/0105365 A1	06/05/2003	Smith et al.	
	A4	US- 2003/0150384 A1	08/14/2003	Baude et al.	
	A5	US- 5,347,144	09/13/1994	Garnier et al.	
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Foreign Patent Documents

Exam. Init.*	Cite No.	Foreign Patent Document		Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	Translation (Check if yes)
		Ctry. Code	Number-KindCode (If known)				
	B1						

OTHER DOCUMENTS

Exam. Init.*	Cite No.	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published	Translation (Check if yes)
	C1	C. D. SHERAW et al., "Organic Thin-Film Transistor-Driven Polymer-Dispersed Liquid Crystal Displays on Flexible Polymeric Substrates", Applied Physics Letter, (February 11, 2002), pp. 1088-1090, Vol. 80, No. 6, American Institute of Physics, Melville, NY	
	C2	C. D. DIMITRAKOPOULOS, et al., "Organic Thin Film Transistors for Large Area Electronics", Advanced Materials, (January 16, 2002), pp. 99-117, Vol. 14, No. 2, WILEY-VCH-Verlag GmbH, D-69469 Weinheim, Germany	
	C3	A. KRAFT, "Organic Field-Effect Transistors – The Breakthrough at Last", CHEMPHYSICHEM, (2001), pp. 163-165, Vol. 2, WILEY-VCH-Verlag GmbH, D-69451, Weinheim, Germany	
	C4	S. J. MARTIN, "Development of a Low-Dielectric-Constant Polymer for the Fabrication of Integrated Circuit Interconnect", Advanced Materials, (December 1, 2000), pp. 1769-1778, Vol. 12, No. 23, WILEY-VCH- Verlag GmbH, D-69469, Weinheim, Germany	
	C5	C. D. SHERAW, "Spin-On Polymer Gate Dielectric for High Performance Organic Thin Film Transistors", Mat. Res. Soc. Symp. Proc., (2000), pp. 403-408, Vol. 558, Materials Research Society	

*Examiner:

Date Considered:

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Substitute for form 1449A/PTO (modified) INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Use as many sheets as necessary) Page 2 of 2	Application Number	10/620027
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OTHER DOCUMENTS			
Exam. Init.*	Cite No.	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published	Translation (Check if yes)
	C6	P. VAN ZANT, "Microchip Fabrication", (2000), 4 th Edition, McGraw-Hill, NY	
	C7	S. M. SZE, "Physics of Semiconductor Devices", (1981), pp. 492-493, 2 nd Edition, John Wiley & Sons, NY	
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	C9	H. E. KATZ, "Synthetic Chemistry for Ultrapure, Processable, and High-Mobility Organic Transistor Semiconductors", Accounts of Chemical Research, (May 2001), pp. 359-369, Vol. 34, No. 5, American Chemical Society, Washington, DC	
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	C12	J. E. BANKS, "Cyclic Hydrocarbons and Substituted Hydrocarbons", Naming Organic Compounds, (1976), p. 124, 2 nd Edition, W. B. Saunders Co., Philadelphia, PA	
	C13	D. J. GUNDLACH et al., "Solvent-Induced Phase Transition in Thermally Evaporated Pentacene Films", Applied Physics Letters, (May 31, 1999), pp. 3302-3304, Vol. 74, No. 22, American Institute of Physics, Melville, NY	
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	C15	D. KNIPP et al., "Pentacene Thin Film Transistors on Inorganic Dielectrics: Morphology, Structural Properties, and Electronic Transport", Journal of Applied Physics, (January 1, 2003), pp. 347-355, Vol. 93, No. 1, American Institute of Physics, Melville, NY	
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	C17	H. SIRRINGHAUS et al., "Mobility Enhancement in Conjugated Polymer Field-Effect Transistors Through Chain Alignment in a liquid-Crystalline Phase", Applied Physics Letters, (July 17, 2000), pp. 406-408, Vol. 77, No. 3, American Institute of Physics, Melville, NY	
	C18	Patent Application U.S.S.N. 10/434377, filed May 8, 2003, entitled "Organic Polymers, Electronic Devices, and Methods"	
	C19	Patent Application U.S.S.N. 10/328461, filed December 23, 2002, entitled "AC Powered Logic Circuitry"	

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